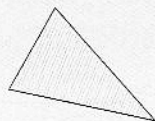




A Measuring the Boundary

The **perimeter** of a shape is the total length around the boundary of the shape. Since perimeter is a length, the unit is mm or cm, or for large shapes m or even km.

Example : Measure the perimeter of this triangle. Give the answer in cm.

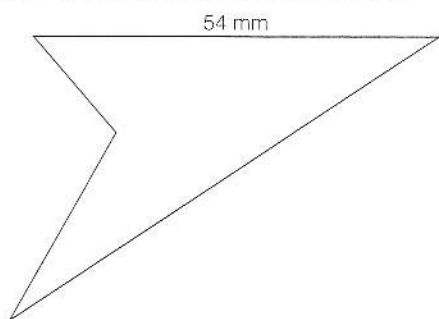


Working : The sides of the triangle are 20 mm, 12 mm and 20 mm. Add these lengths together.

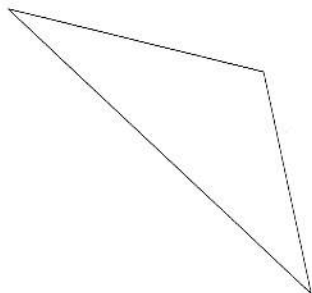
Answer : Perimeter = 52 mm = 5.2 cm.

- 1 Find the perimeter of this shape in millimetres.

..54... mm
..... mm
..... mm
+ mm
..... mm



- 2 Find this triangle's perimeter in centimetres.

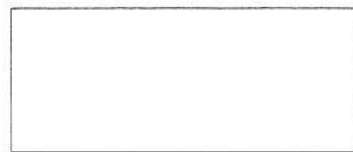


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B Maths for Lazy People

- 1 You only need to measure two sides of this rectangle to calculate its perimeter.

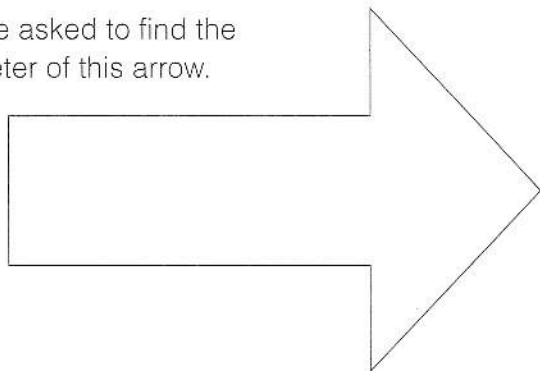
- a) Which two sides?
Colour them red.



- b) Calculate the perimeter of the rectangle in mm.

.....

- 2 You are asked to find the perimeter of this arrow.



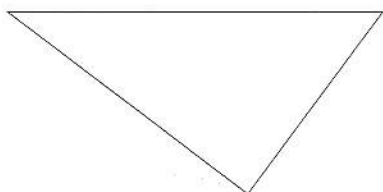
- a) Do you have to measure all sides?
b) Colour red the sides you *must* measure.
c) Show how you calculate the perimeter in mm.

.....
.....

C Same Perimeters

- 1 Measure the perimeter of this triangle.

..... cm



- 2 Draw a rectangle and draw a square each with exactly the same perimeter as the triangle.

